

Purchase Order Receipt Listing

Friday, July 15, 2016 5:04:44 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO32978 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO32978	1		M303R1.000 f	f	7/14/2016 7/15/2016		12.0000	\$5.65	0.0000	0	\$67.75
CAD	No		303 Round Bar 1.00 f		12.0000	PL0U01		\$67.75	0.0000	0	
			m135247								
	2		M304B0.375X03.000 f		7/14/2016 7/15/2016		12.0000	\$8.27	0.0000	0	\$99.21
	No		M304 SS bar .375 x f		12.0000	PL0U01		\$99.21	0.0000	0	
			3.00								
			m135247								
	5		M7075T6B1.500X1.5 f	f	7/14/2016 7/15/2016		12.6000	\$11.90	0.0000	0	\$149.95
	No		7075 T6 BAR 1.500 f		12.6000	PL0U01		\$149.95	0.0000	0	
			x 1.500								
			m135247								
	9		M6061T6B0.750X01. f		7/14/2016 7/15/2016		12.0000	\$2.90	0.0000	0	\$34.84
	No		500								
			6061-T6 Bar .750 X f		12.0000	PL0U01		\$34.84	0.0000	0	
			1.50								
			m135247								

Total Received Quantity: 48.6000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$351.75
Total Balance Due Quantity: 0.0000



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO32978
Purchase Order Date 7/11/2016
PO Print Date 7/11/2016

Page Number 1 of 5

E-MAILED

JUL 11 2016

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL-C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

905 669 9444

VENDORS TRUCK

Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB
FCA - (Free Carrier)

Chantal Lavoie

Line	Reference	Nbr	Vendor Part Number	Description/	Mfg ID	Reg Date/	CD	Reg Qty/	Unit of	Measure	PO Unit Price	Extended
1			M303R1.000	303 Round Bar 1.00		7/14/2016	Yes	12.00	f		\$7.29	\$87.51
MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582												
NOTE: AISI 304/316 NOT ACCEPTABLE												
Delivery Comments												
Line Comments												
Promise Date												

Line Total: \$87.51

2 M304B0.375X03.000 M304 SS bar .375 x 3.00 7/14/2016 Yes 12.00 f \$10.68 \$128.14

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$128.14

PO Instructions: QUOTE PEC-ST 947319, ST-947567

Note:

7/11/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO32978

Purchase Order Date 7/11/2016
PO Print Date 7/11/2016

Page Number 2 of 5

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CANADA

Contact Name
Vendor Phone

905 669 9444

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

VENDOR'S TRUCK

3 M304B0.500X012.000

304 BAR .500 X 12.00

7/26/2016
Yes

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

\$592.00

\$49.33

\$592.00

Line Total:

\$268.95

\$22.41

\$268.95

Line Total:

\$193.69

\$15.37

5 M7075T6B1.500X1.500

7075 T6 BAR 1.500 x 1.500

7/14/2016
Yes

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

PO Instructions: QUOTE PEC-ST 947319, ST-947567
Note:

7/11/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO32978
Purchase Order Date 7/11/2016
PO Print Date 7/11/2016

Page Number 3 of 5

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CANADA
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7

Contact Name

Vendor Phone 905 669 9444

Buyer

Chantal Lavoie

Ship To Contact

Customer POID

10127-2607

Ship To Phone

Terms

Net 30

Ship Via:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Ship Acct:

Customer Tax #
Currency
CAD
Net 30
10127-2607

Line Total: \$193.69

6 M7075TB5.000X1.000 7075-T6 BAR 5.000" X 1.000" 7/14/2016 Yes f 12.00 \$40.63 \$487.50

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$487.50

8 M2024T3S.080 2024-T3 .080 sheet 7/18/2016 Yes sf 48.00 \$4.74 \$227.60

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

Line Total: \$227.60

PO Instructions: QUOTE PEC-ST 947319, ST-947567
Note:

7/11/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO32978
Purchase Order Date 7/11/2016
PO Print Date 7/11/2016

Page Number 4 of 5

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

9 M6061T6B0.750X01.500

7/14/2016 6061-T6 Bar .750 X 1.50

Yes

7/14/2016

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12.00

f

\$45.00

\$3.75

Line Total: \$45.00

10 M7075T6B6.000X0.250 7/14/2016 7075-T6 BAR 6.000" X 0.250" 12.00 \$20.63 \$247.50

Yes

7/14/2016

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$247.50

11 M7075T73B2.500X03.25 7/19/2016 7075-T73 Bar 2.50 x 3.25 4.00 \$79.65 \$318.60

Yes

7/19/2016

MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511
BAR AS PER AMS-QQ-A-200/11 PR AMS-QQ-A-225/9
OR AMS 4124 OR AMS-QQ-A-250/12 AMS 4078

PO Instructions: QUOTE PEC-ST 947319, ST-947567

Note:

7/11/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO32978

Purchase Order Date 7/11/2016
PO Print Date 7/11/2016

Page Number 5 of 5

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CANADA

Contact Name
Vendor Phone
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

905 669 9444

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Buyer

Chantal Lavoie

Customer POID

10127-2607

Customer Tax #

Net 30

Terms

CAD

Currency

FOB

Line Total: \$318.60

12 M705-T73 BAR 4.0x4.000 705-T73 Bar 4.0 x 4.0 7/20/2016 Yes 8.00 \$113.13 \$905.00

MATERIAL: 705-T73/T73510T73511 BAR AS PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078 NOTE: GRAIN DIRECTION MUST RUN ALONG 4" WIDE CUT IN 2PCS OF 4 FT

Line Total: \$905.00

13 71401-45 PROCUREMENT 7/14/2016 1.00 \$0.00 \$0.00

PROCUREMENT QUALITY CLAUSES

No

7/14/2016

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$3,501.49

PO Instructions: QUOTE PEC-ST 947319, ST-947567

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 7/11/2016

No: PEC ST-947319

Q U O T A T I O N

Quoted By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Quoted Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

FOB

Qtd 11Jul16 Qte Ref

Via

Ctc CHANTAL

Trm NET 30 DAYS/NET 30 JOURS
Frt PREPAID
Tel 613-632-9577 Fax 613-632-1053
Slp STAN IVERS (905-532-1350)

Q U O T A T I O N
QT No: PEC ST-947319
Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 303 STAINLESS 1 PCS 18 LBS
.750" DIA X 144.0000"
Part No STOCK

MATERIAL
ENERGY & CAP SURCHG

12 FT @ 4.8042 FT 25.0000 LOT

57.65 25.00

2 STAINLESS STEEL ROUND BAR 303 STAINLESS 1 PCS 32 LBS
1.00" DIA X 144.0000"
Part No STOCK

MATERIAL

12 FT @ 7.2925 FT

87.51 12 FT

3 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED 1 PCS 46 LBS
.375" X 3.00" X 144.0000"
Part No STOCK

MATERIAL

12 FT @ 10.6783 FT

128.14

4 STAINLESS STEEL PLATE 304L 1 PCS 251 LBS
.50" THICK X 12.0000" X 144.0000"
Part No 10-12 DAYS ALL CUTTING STAINLE

<<<----- SPECIFICATIONS ----->>>

Ga Tol + 0.0000 - 0.0000 Pc/Tag 1

WthTol + 0.1250 - 0.0000 Wt/Skd

Lghtol + 0.0000 - 0.0000 Ty Pk

MATERIAL

1 PCS @ 592.5000 EA

592.50

5 STAINLESS STEEL FLAT BAR 304-L HRAP 1 PCS 77 LBS
.750" X 2.50" X 144.0000"
Part No 4-7 DAYS ARO

MATERIAL

1 PCS @ 268.9500 EA

268.95

6 STAINLESS STEEL ROUND BAR 304L 1 PCS 5 LBS
.375" DIA X 144.0000"
Part No STOCK

No: PEC ST-947319

Q U O T A T I O N

Quoted By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5G6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)

DART AEROSPACE

Quoted Ship To: (1)

DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-947319

* WE STOCK STAINLESS STEEL!!!!

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

Order Totals: 10 Items 855 LBS

Material

Processing

Freight

Other

Taxes

ORDER AMT

Taxes: ONHSTS

325.17

0.00

0.00

0.00

No: PEC ST-947567

Q U O T A T I O N

Quoted By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Quoted Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

FOB

Qtd 11Jul16 Qte Ref

Via

Ctc CHANTAL

Frt PREPAID
Tel 613-632-9577 Fax 613-632-1053

Slp STAN IVERS (905-532-1350)

Q U O T A T I O N
QT No: PEC ST-947567
Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM SHEET 2024 -T3
MATERIAL
ENERGY & CAP SURCHG
SKID
227.60 25.00 25.00
1 PCS @ 227.6000 EA 25.0000 LOT 25.0000 LOT
54 LBS

2 ALUMINUM FLAT BAR 6061-T6511
MATERIAL
.750" X 1.50" X 144.0000"
12 FT @ 3.7500 FT
1 PCS 16 LBS
SPECIFICATIONS
1 1
Ga Tol + 0.0000 - 0.0000 Wt/Skd
Whtol + 0.1250 - 0.0000
Lthtol + 0.0000 TY PK
247.50 EA
1 PCS @ 247.5000 EA
39 LBS

4 ALUMINUM PLATE 7075T7351
MATERIAL
2.50" THICK X 3.2500" X 48.0000"
Part No THICKNESS +.03-.200" **
SPECIFICATIONS
1 1
Ga Tol + 0.0000 - 0.0000 Pc/Tag
Whtol + 0.1250 - 0.0000 Wt/Skd
Lthtol + 0.1250 - 0.0000 TY PK
318.60 EA
1 PCS @ 318.6000 EA
155 LBS

5 ALUMINUM PLATE 7075T7351
MATERIAL
4.00" THICK X 4.0000" X 48.0000"
Part No THICKNESS ++/--.145"
GRAIN DIRECT ALONG THE 4" DIM
SPECIFICATIONS
2 2
Ga Tol + 0.0000 - 0.0000 Pc/Tag

NO: PEC ST-947567

Q U O T A T I O N

Quoted By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)

Quoted Ship To: (1)

DART AEROSPACE

DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-947567

WchTol + 0.1250 - 0.0000 Wt/Skd

LchTol + 0.1250 - 0.0000 Ty Pk

MATERIAL 2 PCS @ 452.5000 EA 905.00

WITH TEST REPORTS, PACKING SLIPS ARE TO SENT

TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

*** TEL. 800-926-2600 ***

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

WE STOCK STAINLESS STEEL!!!!

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE

*VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

Order Totals: 5 Items 286 LBS

Material 1,743.70 Processing Freight Other 50.00 Taxes 233.19 ORDER AMT 2,026.89

Taxes: ONHSTS 233.19 0.00 0.00 0.00

12Jul16 06:49 S A L E S A C K N O W L E D G M E N T No: PEC ST-947762

Sold By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS
Frt PREPAID
Con 96294
Slp STAN IVERS (905-532-1350)
Ord 12Jul16 Due13Jul16
Via VIM DELIVERY
PO/Rel 32978
Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-947762
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 303 STAINLESS 1 PCS 32 LBS
1.00" DIA X 144.0000"
MATERIAL 12 FT @ 7.2925 FT 87.51
ENERGY & CAP SURCHG 25.00

2 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED 1 PCS 46 LBS
.375" X 3.00" X 144.0000"
MATERIAL 12 FT @ 10.6783 FT 128.14

3 ALUMINUM PLATE 7075-T651 3 PCS 34 LBS
1.50" THICK X 1.5000" X 50.3750"
SPECIFICATIONS

<<<----->>>
Ga Tol + 0.0000 - 0.0000 Pc/Tag 3
Whtol + 0.1250 - 0.0000 Wt/Skd
Lhtol + 0.0000 - 0.0000 Ty PK
MATERIAL 3 PCS @ 64.5633 EA 193.69

WITH TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **
** TEL. 800-926-2600 **

WE STOCK STAINLESS STEEL!!!
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

**FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

12Jul16 06:49 S A L E S A C K N O W L E D G M E N T No: PEC ST-947762

Sold By: THYSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115) DART AEROSPACE
Ship To: (1) DART AEROSPACE

===== S A L E S A C K N O W L E D G M E N T SO No PEC ST-947762
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

Order Totals: 3 Items 112 LBS

Material 409.34 Processing Freight Other Taxes ORDER AMT
Taxes: ONHSTS 56.47

.12Jul16 06:53 S A L E S A C K N O W L E D G M E N T No: PEC ST-947763

Sold By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS
Frt PREPAID
Con 96294
Slp STAN IVERS (905-532-1350)
Ord 12Jul16 Due13Jul16
Via VIM DELIVERY
PO/Rel 32978
Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-947763
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM FLAT BAR 6061-T6511
1 PCS 16 LBS
1.750" X 1.50" X 144.0000"
12 FT @ 3.7500 FT 45.00
MATERIAL

ADD ON TO 947762 SUR-CHARGE ADDED

WILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **
** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***
* WE STOCK STAINLESS STEEL!!!
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Order Totals: 1 Items 16 LBS
Material 45.00
Processing Freight Other Taxes 5.85
ORDER AMT 50.85
Taxes: ONHSTS 5.85

13Jul16 07:24 S A L E S A C K N O W L E D G M E N T No: PEC ST-948257

Sold By: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115) DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Ship To: (1) DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Ord 13Jul16 Due21Jul16
Frt PREPAID Via VIM DELIVERY FOB CONCORD
Con 96294 PO/Rel 32978
Slp STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-948257
Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL FLAT BAR 304-L HRAP 1 PCS 77 LBS
7.50" X 2.50" X 144.0000" MATERIAL 1 PCS @ 268.9500 EA 268.95

2 ALUMINUM PLATE 7075-T651 1 PCS 73 LBS
5.00" THICK X 1.0000" X 144.0000" Part No THICKNESS + .030-.320"
10-12 DAYS ALL CUTTING STAINLE <<--> SPECIFICATIONS 1 >>-->

GA Tol + 0.0000 - 0.0000 Pc/Tag 1
WtHtol + 0.1250 - 0.0000 Wt/Skd
LchTol + 0.1250 - 0.0000 Ty MATERIAL 1 PCS @ 487.5000 EA 487.50

WITH TEST REPORTS, PACKING SLIPS ARE TO SENT
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **
** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **
*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

**FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
**VISIT OUR WEBSITE: www.copperandbrass.com

NO CANCELLATIONS ON PROCESSED MATERIAL.

Order Totals: 2 Items 150 LBS *****

No: PEC ST-948257

S A L E S A C K N O W L E D G M E N T

13Jul16 07:24
Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Sold To: (20115)

Ship To: (1)

DART AEROSPACE

DART AEROSPACE

S A L E S A C K N O W L E D G M E N T SO No PEC ST-948257

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice
Material Processing Freight Other Taxes ORDER AMT

756.45

98.34

854.79

Taxes: ONHSTS 98.34

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date: 13Jul16 at 11:47 From PFW
No: PEC 999913

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Route 0 - 0 Manifest
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Vhcle STAN IVERS (905-532-1350)
Slp Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our order PEC-947762- 1 Your PO # 32978
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
Heat Number W9E5
Tag No 550288
Quantity 12 FT
PCS 1
MTR

2) Our order PEC-947762- 2 Your PO # 32978
STAINLESS STEEL FLAT BAR 304L SLIT/EDGED
.375" X 3.00" X 144.0000"
Heat Number 1211405
Tag No 550289
Quantity 12 FT
PCS 1
MTR

3) Our order PEC-947762- 3 Your PO # 32978
ALUMINUM PLATE 7075-T651
1.50" THICK X 1.5000" X 50.3750"
Heat Number 1450012850
Tag No 549970
Quantity 1.57 SFT
PCS 3
MTR

TOTAL: 3 Tags 5 PCS 116 LBS
Wt LBS 37

*** Chemical Analysis ***

Heat Number 1211405
1450012850
W9E5

WILL TEST REPORTS, PACKING SLIPS ARE TO SENT - ~~OR SENT~~ WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 1 ... Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 2 ... Last

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT. * 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 *****
* WE STOCK STAINLESS STEEL
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

TOTAL 1 PKG, 1 BDL GW. 126 LBS

TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To: DART AEROSPACE (1)
Sold To: (20115) DART AEROSPACE
Slp STAN IVERS (905-532-1350)
Vhcle Trailer
Route 0 - 0 Manifest
Frt PREPAID
FOB CONCORD
Via VIM DELIVERY
Probill
Ship Date 13Jul16 at 11:47 From PFW
No: PEC 999913
B I L L O F L A D I N G

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 2 ... Last

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT. * TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
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**UNE SURCHARGE D'ENERGIE DE \$25.00
SERÁ AJOUTÉE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **
TOTAL 1 PKG, 1 BDL GW. 126 LBS

B I L L O F L A D I N G

Ship Date 13Jul16 at 11:47 From PFW
No: PEC 999913
Ship Date 13Jul16 at 11:47 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To: (1)
DART AEROSPACE



740 Imperial Road North

Certificate: 121791 4

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Customer: 007206 001

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 12/08/2015 Page: 1

Steel: 303

Finish: CD

Your Order: PEC270633

NAS Order: PN 0058864 06

Corrosion:

Red Ratio: 69.4 :1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/M2 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFR 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. PAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89
11/6/20

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH6173 1		1.0000		1.002	144.00	17	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
W925	US	.0630	.1735	17.0240	.3135	1.8040	.3635	.0416	8.3020	.0290
S %	SI %									
.3600	.4955									

MECHANICAL PROPERTIES

Product Id	1 d o i c r	HB	.2YS KSI	UTS KSI	RA %	Elong % 4D
BH6173 1	RL	205.0	83.85	113.92	50.09	28.81

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.



APPROVED BY: 12/08/2015

Part AEROSPACE
ALUMINUM PLATE 705-T651
1.50" THICK X 1.5000" X 50.3750"
PART NO.

PO/Rd 32978
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved lab.



Aleris Aluminum (Zhejiang) Co., Ltd
No.1 Cailia Road, Jintou Industrial Park, Zhenjiang, Jiangsu
212341, China

INSPECTION CERTIFICATE (EN 10204/3.1)

Certificate No. : 2014120068
Customer : CHARLESTON ALUMINUM, LLC
480 FRONTAGE ROAD GASTON, SC, 29653, US
Purchase Order No. : 5800-C
Alloy : 7075
Batch No. : 1450012850
Dimensions : 1.500x48.50x144.50inch
Master standard : ASTM B209-2010, AMS4045K, AMS-QQ-A25012A
Tempers : T651
Quantity : 6

TECHNOLOGICAL PROPERTIES

Mechanical properties: Temper T651
ASTM B209-2010, AMS4045K, AMS-QQ-A25012A

	Pl.No.	Spec.No.	Rp1.0	Rp0.2	Rm	A4C	Z	Rd/Rm
LT Min	-	-	-	67.0	77.0	5.0	-	-
Max	-	-	-	-	-	-	-	-
Act	-	-	-	73.6	84.6	14.8	-	-
Act	4	-	-	73.2	83.6	14.2	-	-
Act	2	-	-	73.8	84.4	14.0	-	-
Act	2	-	-	-	-	17.5	-	-

Chemical Composition in %, Remainder Al
Alloy 7075 Cast No. : ZJ77502-1-14-0879
Alloy Spec. : ASTM B209-2010, AMS4045K, AMS-QQ-A25012A

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Others	Total
Max	0.40	0.50	2.00	0.30	2.90	0.28	0.10	0.10	0.05	0.15	
Min	0.00	0.00	1.20	0.00	2.10	0.18	0.10	0.00	0.00	0.00	
Act	0.04	0.10	1.62	0.13	2.41	0.18	0.10	0.04	0.01	0.05	

Other tests

DIMENSIONAL CONTROL : OK
SURFACE CONTROL : OK

MELTED AND MANUFACTURED IN THE PEOPLE'S REPUBLIC OF CHINA.

CERTIFIED THAT THE WHOLE OF THE SUPPLIES DETAILED HEREON HAVE BEEN INSPECTED, TESTED AND, UNLESS OTHERWISE STATED ABOVE, CONFORM IN ALL RESPECTS WITH THE REQUIREMENTS OF THE SPECIFICATION, CONTRACT OR ORDER. WE CONFIRM THAT QUALITY SYSTEM OF ALERIS ALUMINUM (ZHEJIANG) CO., LTD. IS IN ACCORDANCE WITH AS 9100C AND ISO 9001 IN THE RELEVANT VALUE.

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results
 13Jun16
 Pg 2/2

PO/Rd 32978
 We certify that this is a true copy of the report
 furnished by the producer of the metal, or data
 resulting from tests made in approved labs.

DART AEROSPACE
 ALUMINUM PLATE 7075 T651
 1.50" THICK X 1.5000" X 50.3750"
 PART NO.



Aleris Aluminum (Zhenjiang) Co., Ltd.
 No 2 Caiya Road, Jintou Industrial Park, Zhenjiang, Jiangsu
 212141, China

INSPECTION CERTIFICATE (EN 10204/3.1)

Page 2 / 2

Certificate No. : 2014120068
 Customer : CHARLESTON ALUMINUM, LLC
 480 FRONTAGE ROAD GASTON, SC 29053 GASTON, SC, 29053.
 US
 Purchase Order No. : 5800-C
 Alloy : 7075
 Batch No. : 1450012850
 Dimensions : 1.500x48.50x144.50inch
 Master standard : ASTM B209-2010, AMS4948K, AMS-QQ-A250/12A
 Quantity : 6
 Temper : T651

VERSION AND CERTIFICATION BY AN ACCREDITED 3RD PARTY.

Quality Assurance: 2014-Dec-06
 Valid after signature

Xiaobo Bai

Xiaobo Bai

THYSSENKRUPP MATERIALS NA

STAINLESS STEEL FLAT BAR 304L SLIT/EDGED
3.75" x 3.00" X 144.000"

PO/Rel 32978

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

13Jul16
Pg 1/1

Signed by:

BL PEC-999913-002

DAS 14 9-89

11/07/20

产品质量证明书
QUALITY CERTIFICATE

5 S: NOT RELEVANT TO CASE CO. 1. ALL CO. 1.

Commodity

216, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 265

2005-5-12

江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO. LTD

QWISS

江苏大明金属制品有限公司
JIANGSU DAMEI METAL PRODUCTS CO., LTD

參照所發之獎勵令訂定和歌縣的獎勵辦法

$\leq \frac{1}{\epsilon} \sum_{j=1}^n |f_j| + \frac{1}{\epsilon} \sum_{j=1}^n |g_j|$

Doc No. 234861 Indexed 7Jun16 by slssupl

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Handwritten signature

Page: 1 ...Continued

***** TEL. 800-926-2600 *****
CONCORD, ONT. * * * * * 9:00 AM TO 4:00 PM * * * * *
*CUSTOMER PICK-UP HRS AT THYSSENKRUUP MATERIALS NA
TOTAL 1 BDL GW. 28 LBS

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
ATTN: CHANTAL/LINDA
TO SHIPPING.
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
WILL TEST REPORTS, PACKING SLIPS ARE TO SENT

ADD ON TO 947762 SUR-CHARGE ADDED

Heat Number
Z00256099

*** Chemical Analysis ***

TOTAL:		Tags	PCS	WT LBS
Quantity		12 FT	1	16
Tag No		550290	1	16
Heat Number		Z00256099	1	16
ALUMINUM FLAT BAR 6061-T6511		750" X 1.50" X 144.0000"	1	16
1) Our order PEC-947763-1 Your PO # 32978			1	16

MTR

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship From:
THYSSENKRUUP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 15Jul16 at 10:52 From PFW
No: PEC 999891
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

823

DATE _____

Page: 2 ... Last

* B I L L O F L A D I N G *
* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXIDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

SHIP FROM: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
TEL: 905 669 9444 FAX: 905-738-9033

SHIP TO: (1) DART AEROSPACE

NO: PEC 999891

SHIP DATE 13Jul16 at 10:52 From PFM

PROBIL

VIA VIM DELIVERY

FOB CONCORD

FRt PREPAID

ROUTE 0 - 0 Manifest

Vehicle Trailer

SLP STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

016-15

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
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***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

B I L L O F L A D I N G

No: PEC 999891
Ship Date 13Jul16 at 10:52 From PFW
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To: (1)
DART AEROSPACE

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.750" X 1.50" X 144.0000"

PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PO/Ref 32978

BL PEC-999891-001

13m116 Pg 1/1

CERTIFIED TEST REPORT
http://online.kaiseraluminum.com

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
6205 KAISER DRIVE
FABRICATED PRODUCTS, LLC
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:		750 X 1.500 SC RECT BAR	
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:
6004148	009	03/15/2016	200256099
WEIGHT SHIPPED	QUANTITY:	RI NUMBER:	DIAMETER THICKNESS:
1524.000 LB	96.000 PCS	615069	6061
SHIP TO:		SOLD TO:	
THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA	

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
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200256099	0001	0001	44.4	39.8	20.3	RE	91	N/A
200256099	0001	0002	43.7	38.9	15.9	RE	90	N/A
200256099	0001	0004	44.2	39.7	18.6	RE	90	N/A
200256099	0001	0005	43.8	39.1	18.6	RE	90	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.60	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
	.59	.27	.21	.10	.85	.07	.04	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SM221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested in accordance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Almeo J. Macnowski, Quality & Technology Manager

Almeo J. Macnowski

Plant Serial: 00221777
Kaiser Order Number: 6004148
Line Item: 005

Page 1 of 1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MILITARY B. 70X1.500 DATE: 16/07/20
 QUANTITY INSPECTED: 12
 QUANTITY RECEIVED: 12
 MATERIAL CERT. REC'D: 12
 QUANTITY RECEIVED: 12
 QUANTITY INSPECTED: 12
 QUANTITY RECEIVED: 12
 THICKNESS ORDERED: 750X1.500
 THICKNESS RECEIVED: 750X1.500
 SHEET SIZE ORDERED: 750X1.500
 SHEET SIZE RECEIVED: 750X1.500
 PO / BATCH NO: 32978/135247

DESCRIPTION	NCR	(Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	Y	
CORRECT FINISH	<input checked="" type="checkbox"/>	Y	
CORROSION	<input checked="" type="checkbox"/>	Y	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	Y	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	Y	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	Y	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	Y	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	Y	
DOS THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	Y	
DOS THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	Y	

200256099

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK

HARDNESS / DUROMETER READING	TYPE OF MATERIAL	SIZE OF TEST SAMPLE
	HRC	
	HRB	
	DUR A	
	DUR D	

Testers located in the Quality Office

OC 18 INSPECTION

INSPECTED BY: DAS DATE: 16/07/20

SIGNED OFF BY: 14 DATE: 9-08

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and return to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL H304B.375X3.006
 DATE 16/07/20
 MATERIAL CERT REC'D 12'
 QUANTITY INSPECTED 12'
 QUANTITY RECEIVED 12'
 QUANTITY REJECTED

THICKNESS ORDERED 375X3.006
 THICKNESS RECEIVED 370X3.010
 SHEET SIZE ORDERED
 SHEET SIZE RECEIVED

PO / BATCH NO 32978/35247

DESCRIPTION	NCR	Check	Y/N	COMMENTS
SURFACE DAMAGE	Y	(X)	(N)	
CORRECT FINISH	Y	(X)	(N)	
CORROSION	Y	(X)	(N)	
CORRECT GRAIN DIRECTION	Y	(X)	(N)	
CORRECT MATERIAL	Y	(X)	(N)	
CORRECT THICKNESS	Y	(X)	(N)	
PHOTO REQUIRED	Y	(X)	(N)	
CORRECT MATERIAL	Y	(X)	(N)	
CORRECT REF # TO LINK CERT	Y	(X)	(N)	
CORRECT MATERIAL IDENTIFICATION	Y	(X)	(N)	
CORRECT # ON THE MATERIAL	Y	(X)	(N)	
DOES THIS MATERIAL REQUIRE AN ENGINEERING SIGN OFF?	Y	(X)	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT?	Y	(X)	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK	RECORD RESULTS BELOW	TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER HEADING
		HRC		
		HRB		
		DUR A		
		DUR D		

Testers located in the Quality Office

OC 18 INSPECTION
 SIGNED OFF BY **DAS**
 14
 9-89
 DATE 16/07/20
 INSPECTED BY

Attach this inspection sheet with the corresponding material cert and return to be scanned and received in

H F O R M S Quality Assurance Approved OAMRIF Material Receipt Inspection Form revb

ENGINEERING SIGNOFF (if required)

MATERIAL RECEIPT INSPECTION FORM

PO: BATCH NO 32978/135247

MATERIAL H303 R1.00
 DATE 16/07/20
 MATERIAL CERT REC'D 420
 QUANTITY INSPECTED 12
 QUANTITY RECEIVED 12
 QUANTITY REJECTED

THICKNESS ORDERED R1.00
 THICKNESS RECEIVED R1.00
 SHEET SIZE ORDERED
 SHEET SIZE RECEIVED

DESCRIPTION	NCR	Check	Y/N	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	Y		
CORRECT FINISH	<input checked="" type="checkbox"/>	Y		
CORROSION	<input checked="" type="checkbox"/>	Y		
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	Y		
CORRECT MATERIAL	<input checked="" type="checkbox"/>	Y		
CORRECT THICKNESS	<input checked="" type="checkbox"/>	Y		
PHOTO REQUIRED	<input checked="" type="checkbox"/>	Y		
CORRECT MATERIAL	<input checked="" type="checkbox"/>	Y		
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	Y		
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	Y		
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	Y		
DOES THIS MATERIAL REQUIRE AN ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	Y		
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	Y		

W975

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK	RECORD RESULTS BELOW	HRC	HRB	DUR A	DUR D

TYPE OF MATERIAL
 SIZE OF TEST SAMPLE
 HARDNESS / DUROMETER HEADING

Testers located in the Quality Office

OC 18 INSPECTION

SIGNED OFF BY _____ DATE _____

INSPECTED BY _____ DATE 16/07/20

9-89 14

Attach this inspection sheet with the corresponding material cert and send to be scanned and received in

HF FORMS Quality Assurance Approved OAMRIF Material Receipt Inspection Form rev 13

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H7075T6B1500Y1500
DATE: 16-07-18

PO / BATCH NO.: 032918 / M135247

MATERIAL CERT REC'D:	402	THICKNESS ORDERED:	1.5
QUANTITY RECEIVED:	10	THICKNESS RECEIVED:	1.500
QUANTITY INSPECTED:	10	SHEET SIZE ORDERED:	0/A
QUANTITY REJECTED:	0	SHEET SIZE RECEIVED:	0/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
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SURFACE DAMAGE	Y	(N)
CORRECT FINISH	Y	(N)
CORROSION	Y	(N)
CORRECT GRAIN DIRECTION	Y	(N)
CORRECT MATERIAL	Y	(N)
CORRECT THICKNESS	Y	(N)
PHOTO REQUIRED	Y	(N)
CORRECT MATERIAL	Y	(N)
CORRECT REF # TO LINK CERT	Y	(N)
CORRECT MATERIAL IDENTIFICATION	Y	(N)
CORRECT # ON THE MATERIAL	Y	(N)
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION
ENGINEERING SIGNOFF (if required)

INSPECTED BY: JD
SIGNED OFF BY: _____
DATE: 16-07-18

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in